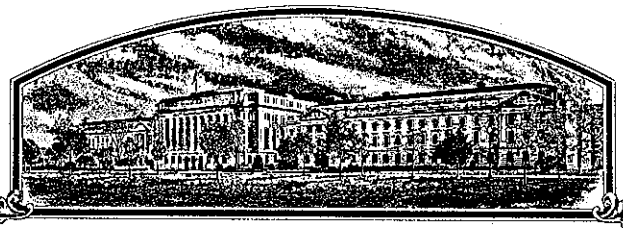

No. 9000080

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Land O' Lakes, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *eighteen* YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

ALFALFA

'Legend'

In Testimony Whereof, *I have hereunto set my hand and caused the seal of the* Plant Variety Protection Office *to be affixed at the City of* Washington, D. C. *this* 30th *day of* November *in the year of our Lord one thousand nine hundred and ninety.*

Attest:

Kenneth A. Evans

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Clayton Yeutter

Secretary of Agriculture

APPROVAL EXPIRES 2-28-88

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions on reverse)

FORM APPROVED: OMB NO. 0581-0055

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION	3. VARIETY NAME
VISTA Research	VS-464	LEGEND

4. ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code)	5. PHONE (Include area code)
Rt.1 Box 70 West Salem, WI 54669	608-786-1554

FOR OFFICIAL USE ONLY

PVPO NUMBER: 9000080

6. GENUS AND SPECIES NAME	7. FAMILY NAME (Botanical)
Medicago sativa	Leguminosae AAA 14 Dec 1990

FILING
DATE: Feb. 6, 1990
TIME: 10:00 ☑ A.M. ☐ P.M.

8. KIND NAME	9. DATE OF DETERMINATION
Alfalfa AAA 14 Dec 1990	1/1/87

FEES RECEIVED
AMOUNT FOR FILING: $ 2150.
DATE: Jan. 2 1990
AMOUNT FOR CERTIFICATE: $ 250.00
DATE: Nov. 23, 1990

10. IF THE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, association, etc.)
Joint Venture (Cal/West Seeds and Research Seeds - venture partners)

11. IF INCORPORATED, GIVE STATE OF INCORPORATION	12. DATE OF INCORPORATION

13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS
Dr. Mark McCaslin - VISTA Research
Rt.1
West Salem, WI 54669
PHONE (Include area code): 608-786-1554

14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED
- a. ☒ Exhibit A, Origin and Breeding History of the Variety *(See Section 52 of the Plant Variety Protection Act.)*
- b. ☒ Exhibit B, Novelty Statement.
- c. ☒ Exhibit C, Objective Description of Variety *(Request form from Plant Variety Protection Office.)*
- d. ☒ Exhibit D, Additional Description of Variety.
- e. ☒ Exhibit E, Statement of the Basis of Applicant's Ownership.

15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? *(See Section 83(a) of the Plant Variety Protection Act.)* ☐ Yes *(If "Yes," answer items 16 and 17 below)* ☑ No

16. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?	17. IF "YES" TO ITEM 16, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED?
☐ Yes ☐ No	☐ Foundation ☐ Registered ☐ Certified

18. DID THE APPLICANT(S) PREVIOUSLY FILE FOR PROTECTION OF THE VARIETY IN THE U.S.?
☐ Yes *(If "Yes," give date)*
☑ No

19. HAS THE VARIETY BEEN RELEASED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?
U.S. sales March 1989
☑ Yes *(If "Yes," give names of countries and dates)*
☐ No

20. The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.

The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF APPLICANT	DATE
SIGNATURE OF APPLICANT	DATE

FORM LS-470 (3-86) *Edition of 7-84 obsolete.*

Exhibit A

Legend is a synthetic variety with 385 parent plants. Parent plants were from the third cycle of recurrent phenotypic selection for multifoliolate expression within an elite VISTA multiple pest resistant population. This elite multiple pest resistant population traces to the varieties Emerald, Summit, Edge, DK-135, Advantage, 120, Oneida, 531, and Big 10 and was the result of extensive selection for resistance to bacterial wilt, anthracnose, Verticillium wilt, and Phytophthora root rot. The second cycle of multifoliolate expression was practiced in Wisconsin field nurseries where there was also selection for vegetative vigor, freedom from leaf diseases, darker green color and winter survival.

Breeder seed (Syn.1) was produced under cage isolation at Woodland, California in 1984. VISTA will maintain sufficient Foundation Seed, (Sun.2 or Syn.3) to last the life of the variety. Production of Syn.3 Foundation seed requires the consent of the breeder. Certified seed will be either Syn.3 or Syn.4. The length of stand allowed for Breeder, Foundation and Certified seed production is one, three and six years respectively.

There are no obvious variants in this variety other than the variablility in flower color and ML expression described in Exibits C and D.

Various synthetic generations of this variety have been evaluated for forage yield potential, ML expression, and pest resistance. There have been uniformity and stability for all of these traits. For example:

ML expression (% of plants showing significant ML expression)
Season averages (readings in June, August and September)

Syn	Location	Year	%ML	Vernal %ML	LSD(.05)
Syn 1	Wisconsin	1987	49	2	5.1
Syn 1	Idaho	1987	39	0	---
Syn 2	Idaho	1988	54	0	---
Syn 1	Wisconsin	1989	45	1	6.2
Syn 2	Wisconsin	1989	48	1	6.2
Syn 3	Wisconsin	1989	44	1	6.2

Phytophtora resistance percentages for Syn.1, Syn.2 and Syn.3 have averaged 51%, 53% and 52% respectively.

Exhibit B

This variety can be clearly distinguished from all other alfalfa varieties based on multifoliolate (ML) expression and multiple pest resistance. Although most varieties have a background level of ML expression, this represents between 1-2% of the plants. Legend averages approximately 50% of its plants showing significant ML expression. This is more than 10x more than we have seen in any other variety, except for one. The one exception is the Cornell variety Multileaf. Multileaf, Legend and more recent ML releases from VISTA are the only varieties to claim ML expression as a distinguishing morphological trait with the NAVRB. Legend is easily distinguished from Multileaf based on resistance to anthracnose, Phytophthora root rot and Verticillium wilt. Legend is resistant or highly resistant to each of these diseases, whereas Multileaf is susceptible.

Variety	%R An	%R PRR	%R Vw
Legend	58	50	44
Multileaf	0	1	2
"R" check	70	40	39
"S" check	0	2	2
LSD (.05)	8.7	8.1	7.9

The only other varieties that would be at all similar to Legend are other VISTA developed varieties released after Legend (Crown II, 2833, DK-122 and Multi-plier) and the new NK variety Multileaf I. Legend pre-dates all of these by at least one year.

EXHIBIT C
(Alfalfa

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, MEAT, GRAIN & SEED DIVISION
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MARYLAND 20705

OBJECTIVE DESCRIPTION OF VARIETY
ALFALFA *(Medicago sativa* sensu Gunn et al.*)*

NAME OF APPLICANT(S)	TEMPORARY DESIGNATION	VARIETY NAME
Vista Research	VS-464	Legend

ADDRESS *(Street and No., or R.F.D. No., City, State, and Zip Code)*
Rt. 1 Box 70
West Salem, Wi 54669

FOR OFFICIAL USE ONLY
PVPO NUMBER
9000080

PLEASE READ ALL INSTRUCTIONS CAREFULLY: Place numbers in the boxes to designate the expressions which are characteristic of the commerical generations of the application variety. Data for quantitative plant characters should be based on a minimum of 100 plants. Include leading zeros when necessary (e.g., [0][8][9]) for quantitative data. Comparative data should be determined from varieties entered in the same trial. Plant color may be precisely designated by using any recognized color chart, e.g., The Munsell Plant Tissue Color Charts.

1. WINTERHARDINESS:

[7] CLASS:

1 = Very Non-Winterhardy (CUF 101)
2 = Non-Winterhardy (Moapa 69)
3 = Intermediately Non-Winterhardy (Mesilla)
4 = Semi-Winterhardy (Lahontan)
5 = (Du Puits)
6 = Moderately Winterhardy (Saranac)
7 = (Ranger)
8 = Winterhardy (Vernal)
9 = Extremely Winterhardy (Norseman)

TEST LOCATION: West Salem, Wisconsin

2. FALL DORMANCY:

FALL DORMANCY (DETERMINED FROM SPACED PLANTINGS)

TESTING INSTITUTION AND LOCATION	DATE OF LAST CUT	DATE REGROWTH SCORED	REGROWTH SCORE OR AVERAGE HEIGHT				LSD .05
			APPLICATION VARIETY	CHECK VARIETIES*			
				Vernal	Saranac AR		
Vista - West Salem, WI	9/7/86	10/23/86	9.50 inches	7.63 inches	9.75 inches		0.32

* CUF 101, Moapa 69, Mesilla, Lahontan, Du Puits, Saranac, Ranger, Vernal, or Norseman as appropriate.

Specify scoring system used: measured inches of regrowth

[5] Fall Growth Habit (Determined from Fall Dormancy Trials)

1 = Erect (CUF 101)
3 = Semierect (Mesilla)
5 = Intermediate (Saranac)
7 = Semidecumbent (Vernal)
9 = Decumbent (Norseman)

3. RECOVERY AFTER FIRST SPRING CUT (In Southwest, first cut after March 21):

[4]

1 = Very Fast (CUF 101)
3 = Fast (Saranac)
5 = Intermediate (Ranger)
7 = Slow (Vernal)
9 = Very Slow (Norseman)

TEST LOCATION: West Salem, WI

4. AREAS OF ADAPTATION IN U.S. (Where tested and proven adapted):

[1] Primary Area of Adaptation

[2] [6] Other Areas of Adaptation

1 = North Central
2 = East Central
3 = Southeast
4 = Southwest
5 = Moderately Winterhardy Intermountain
6 = Winterhardy Intermountain
7 = Great Plains
8 = Other *(Specify)* _____

5. FLOWERING DATE (When 10% of plants possess open flowers at time of first spring cut):

[0][1] Days Earlier Than . . . . . [3]

Same As . . . . . [ ]

[ ][ ] Days Later Than . . . . . [ ]

1 = CUF 101
2 = Mesilla
3 = Saranac
4 = Vernal
5 = Norseman

TEST LOCATION: West Salem, WI

9000080

6. PLANT COLOR (Determined from healthy regrowth 3 weeks after first spring cut, controlling leafhoppers if necessary):

[2] 1 = Very Dark Green (524) 2 = Dark Green (Vernal) 3 = Light Green (Ranger)

COLOR CHART VALUE (Specify chart used): _____

APPLICATION VARIETY: _____

VERNAL: _____

TEST LOCATION: West Salem, WI

7. CROWN TYPE (Determined from spaced plantings):

[2] Noncreeping Types: 1 = Broad (Vernal) 2 = Intermediate (Saranac) 3 = Narrow (CUF 101)

Creeping Types: 4 = Creeping Rooted (Rangelander) 5 = Rhizomatous (Rhizoma)

8. FLOWER COLOR (Determine frequency of plants for each color class as defined by USDA Agricultural Handbook No. 424 (Barnes 1972), allowing all plants in plot to flower):

[82] % Purple and Violet (Subclasses 1.1 to 1.4)

[18] % Variegated Other Than Blue (Subclasses 2.1, 2.2, 2.5 to 2.9)

[ ] % Cream (Class 3)

[ ] % Blue (Subclasses 2.3 and 2.4)

[ ] % Yellow (Subclasses 4.1 to 4.4)

[ ] % White (Class 5)

TEST LOCATION: Woodland, CA

9. POD SHAPE (Determine frequency of plants with the following pod shapes produced on well cross-pollinated racemes):

[ ] % Tightly Coiled (One or more coils, center more or less closed)

[ ] % Loosely Coiled (One or more coils, center conspicuously open)

[ ] % Sickle (Less than 1 coil)

TEST LOCATION: _____

10. PEST RESISTANCE: Provide in the appropriate column, trial data for application variety, and resistant (R) and susceptible (S) check varieties, synthetic generation tested, average severity index scores (ASI), least significant difference statistics (LSD .05), the institution in charge of test, year, and location of test, and whether test is a field or laboratory evaluation. Describe scoring system, and any test procedure which differs from standard methods proposed by Elgin (1982). Trial data from other test years or locations should be presented whenever available on a separate document as Exhibit D.
Seeds of the check varieties and germplasm lines listed below can be obtained from the USDA Field Crops Laboratory, Bldg. 001, Rm. 335, BARC-West, Beltsville, MD 20705. Although comparisons with check varieties listed below are preferred, comparisons with any appropriate check variety recommended by Elgin (1982) may be presented.

A. DISEASE RESISTANCE: DISEASE	VARIETY	SYN. GEN. TESTED	PERCENT RESISTANT PLANTS	NUMBER OF PLANTS TESTED	ASI	~~ASI~~ LSD .05	INSTITUTION, YEAR, LOCATION, FIELD OR LABORATORY
Anthracnose, Race 1 *(Colletotrichum trifolii)*	Application	1	58	100	—	8.7	Vista Research, 1986 West Salem, WI
	Arc (R)		70	100	—		
	Saranac (S)		0	98	—		
	SCORING SYSTEM: % survival						
Anthracnose, Race 2 *(Collectotrichum trifolii)*	Application						
	Saranac AR (R)						
	Arc (S)						
	SCORING SYSTEM:						
Bacterial Wilt *(Corynebacterium insidiosum)*	Application	1	54	96	1.73	0.42	Vista Research, 1986 West Salem, WI
	Vernal (R)		28	90	2.98		
	Narragansett (S)		0	87	4.48		
	SCORING SYSTEM: plants scored (0-5), (0+1) = resistant 5 = dead plant						
Common Leafspot *(Pseudopeziza medicaginis)*	Application						
	MSA-CW3AN3 (R)						
	Ranger (S)						
	SCORING SYSTEM:						

9000080

DISEASE	VARIETY	TESTED	RESISTANT PLANTS	PLANTS TESTED	ASI	LSD .05	FIELD OR LABORATORY
Downy Mildew *(Peronospora trifoliorum)*	Application						
Isolate, if known:	Saranac (R)						
	Kanza (S)						
	SCORING SYSTEM:						
Fusarium Wilt *(Fusarium oxysporum f. medicaginis)*	Application	1	57	95	2.31	0.35	Vista Research, 198 West Salem, WI
	Agate ~~Mdepe-69~~ (R)		59	96	2.25		
	Narregansett (R)		14	88	3.66		
	SCORING SYSTEM: plants scored (0-5), (0+1) = resistant 5 = dead plant						
Phytophthora Root Rot *(Phytophthora megasperma f. medicaginis)*	Application	2	53	100	–	12.2	Vista Research, 1988 West Salem, WI
	Agate (R)		32	98	–		
	Saranac (S)		0	98	–		
	SCORING SYSTEM: % symptom free seedlings						
Verticillium Wilt *(Verticillium alboatrum)*	Application	1	44	90	2.91	0.25	Vista Research, 1986 West Salem, WI
	Vertus (R)		39	90	2.89		
	Saranac (S)		2	89	4.23		
	SCORING SYSTEM: plants scored (0-5), (0+1) = resistant 5 = dead plant						
Other *(Specify)*	Application						
	(R)						
	(S)						
	SCORING SYSTEM:						
Other *(Specify)*	Application						
	(R)						
	(S)						
	SCORING SYSTEM:						

B. INSECT RESISTANCE:

INSECT	VARIETY	SYN. GEN. TESTED	PERCENT DEFOLIATION	DEFOLIATION IN PERCENT OF RESISTANT CHECK	ASI	ASI LSD .05	INSTITUTION, YEAR, LOCATION, FIELD OR LABORATORY
Alfalfa Weevil *(Hypera postica)*	Application						
	Arc (R)			100			
	Saranac (S)						
	SCORING SYSTEM:						

10. B. INSECT RESISTANCE (Continued):

INSECT	VARIETY	SYN. GEN. TESTED	PERCENT SEEDLING SURVIVAL	NUMBER OF SEEDLINGS TESTED	ASI	ASI LSD .05	INSTITUTION, YEAR, LOCATION, FIELD OR LABORATORY
Blue Alfalfa Aphid *(Acyrthosiphon kondoi)*	Application						
	CUF 101 (R)						
	PA-1 (S)						
	SCORING SYSTEM:						
Pea Aphid *(Acyrthosiphon pisum)*	Application	2	25	100	—	13.7	VISTA Research, 1987 West Salem, WI
	Kanza (R)		34	100	—		
	Ranger (S)		2	95	—		
	SCORING SYSTEM: % seedling survival						
Spotted Alfalfa Aphid *(Therioaphis maculata)*	Application	1	11	95	—	8.1	VISTA Research, 1986 Woodland, CA
Biotype, if known:	Cuf-101 ~~Kanza~~ (R)		67	99	—		
	Ranger (S)		0	92	—		
	SCORING SYSTEM: % seedling survival						

INSECT	VARIETY	SYN. GEN. TESTED	PERCENT RESISTANT PLANTS	NUMBER OF PLANTS TESTED	ASI	ASI LSD .05	INSTITUTION, YEAR, LOCATION, FIELD OR LABORATORY
Potato Leafhopper Yellowing *(Empoasca fabae)*	Application						
	MSA-CW3An3 (R)						
	Ranger (S)						
	SCORING SYSTEM:						
Other *(Specify)*	Application						
	(R)						
	(S)						
	SCORING SYSTEM:						

C. NEMATODE RESISTANCE:

NEMATODE	VARIETY	SYN. GEN. TESTED	PERCENT RESISTANT PLANTS	NUMBER OF PLANTS TESTED	ASI	ASI LSD .05	INSTITUTION, YEAR, LOCATION, FIELD OR LABORATORY
Northern Root Knot *(Meloidogyne hapla)*	Application						
	Nev. Syn. XX (R)						
	Lahontan (S)						
	SCORING SYSTEM:						

10. C. NEMATODE RESISTANCE (Continued):

NEMATODE	VARIETY	SYN. GEN. TESTED	PERCENT RESISTANT PLANTS	NUMBER OF PLANTS TESTED	ASI	ASI LSD .05	INSTITUTION, YEAR, LOCATION, FIELD OR LABORATORY
Southern Root Knot *(Meloidogyne incognita)*	Application						
	Moapa 69 (R)						
	Lahontan (S)						
	SCORING SYSTEM:						
Stem Nematode *(Ditylenchus dipsaci)*	Application						
	Lahontan (R)						
	Ranger (S)						
	SCORING SYSTEM:						
Other *(Specify)*	Application						
	(R)						
	(S)						
	SCORING SYSTEM:						

11. INDICATE THE VARIETY THAT MOST CLOSELY RESEMBLES THE APPLICATION VARIETY FOR EACH OF THE FOLLOWING CHARACTERS:

CHARACTER	VARIETY	CHARACTER	VARIETY
Winterhardiness	Arrow	Plant Color	Arrow
Recovery After 1st Cut	Arrow	Crown Type	Crown
Area of Adaptation	Crown	Combined Disease Resistance	Crown
Flowering Date	Crown	Combined Insect Resistance	Crown

REFERENCES

Barnes, D.K. 1972. A System for Visually Classifying Alfalfa Flower Color. U.S. Dep. Agric. Handb. 424. 18 pp. (Note: Greenish cast of plate 6, A and B is an artifact of printing, actual colors a blend of yellow and white.)

Elgin, J.H., Jr., (ed.). 1982. Standard Tests to Characterize Pest Resistance in Alfalfa Cultivars. U.S. Dep. Agric. Tech. Bull. (In Press).

Gunn, C.R., W.H. Skrdla, and H.C. Spencer. 1978. Classification of Medicago sativa L. using legume characters and flower colors. U.S. Dep. Agric. Tech. Bull. 1574. 84 pp.

Munsell Color Co. 1977. Munsell Plant Tissue Color Charts. Munsell Color Co., Inc. Baltimore.

NOTE: Any additional descriptive information and supporting documentation may be provided as Exhibit D.

This variety has a significant % of multifoliolate plants, averaging ~ 50%. The background level of multifoliolate expression in most varieties is 1-2%. See documentation in Exhibit D.

Exhibit D

The following data characterizes ML expression in Legend.

The primary method of measuring multifoliolate expression was evaluation of spaced plants in field nurseries. A plant was considered to have significant ML expression if several ML leaves were visible during the normal pace of note taking in the nursery. These notes were summarized over at least 100 plants to give a % of plants with significant ML expression (%ML). All of these data are from replicated trials except for the Idaho data. All data is expressed as a season average (notes taken 2-3 times per season) and was taken at late bud stage.

1987 West Salem, WI (nursery established 1986)

Variety	%ML
Legend	49
Saranac AR	0
Sparta	1
Vernal	2
LSD (.05)	5.1

1987/88 Caldwell, ID (nursery established 1987)

Variety	1987 %ML	1988 %ML
Legend	39	54
Champ	1	1
Sparta	0	0
Vernal	0	0

1989 West Salem, WI (nursery established 1989)

Variety	%ML
Legend (Syn.3)	44
Arrow	1
Chief	3
Crown	2
DK-125	1
Fortress	0
Saranac AR	0
Vernal	2
WL-225	1
LSD (.05)	6.2

Exhibit E

The applicant, VISTA Research, was the breeder and maintains ownership of this variety. Seed of this variety will be marketed, under licensing agreements, by Cenex/Land O Lakes and various other retail seed operations.